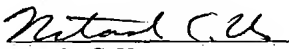


UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))		Attorney Docket No.	ASC-061
		First Named Inventor	Lochtefeld
		Title	SELECTIVE PLACEMENT OF DISLOCATION ARRAYS
APPLICATION ELEMENTS		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
1. <input checked="" type="checkbox"/> Fee Transmittal Form 2. <input type="checkbox"/> Small Entity Status <input type="checkbox"/> Applicant claims small entity status <input type="checkbox"/> Status established in prior application and is still proper and desired		ACCOMPANYING APPLICATION PARTS	
3. <input checked="" type="checkbox"/> Specification and Drawings [Total Pages 53] - Written Description - (28 pages) - Claims - (12 pages) - Abstract - (1 page) - Sheets of Drawings - (12 sheets) <input type="checkbox"/> Formal <input checked="" type="checkbox"/> Informal		8. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney 9. <input type="checkbox"/> English Translation Document (if applicable)	
4. <input type="checkbox"/> Oath or Declaration [Total Pages] a. <input type="checkbox"/> Newly executed (original) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below]		10. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations 11. <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> Drawings [Total Sheets]	
5. <input type="checkbox"/> Incorporation by Reference (usable if Box 4b is checked) The entire Disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.		12. <input checked="" type="checkbox"/> Return Receipt Postcard (specifically itemized)	
6. <input checked="" type="checkbox"/> Application Data Sheet		13. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority claimed)	
7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <input type="checkbox"/> Computer Readable Form (CRF) <input type="checkbox"/> Paper Copy (identical to computer copy) <input type="checkbox"/> CD (2 copies) (identical to computer copy) <input type="checkbox"/> Statement verifying identity of above copies		14. <input type="checkbox"/> Nonpublication Request Under 35 U.S.C. 122(b)	
15. <input type="checkbox"/> CD in duplicate for large table or computer program		16. <input type="checkbox"/> Other:	
17. <input type="checkbox"/> If a CONTINUING APPLICATION: Amend the specification by inserting on page 1, before the first line, the sentence: --This is a <input type="checkbox"/> continuation <input type="checkbox"/> divisional <input type="checkbox"/> continuation-in-part of prior application Serial No. / , filed on , , the entire disclosure of which is incorporated by reference herein.-- Priority to the above application(s) is claimed under 35 U.S.C. 120. Prior application information: Examiner: . Group/Art Unit: .			
18. <input checked="" type="checkbox"/> Priority - 35 U.S.C. 119 <input checked="" type="checkbox"/> Priority of application Serial No. 60/399,171 filed on July 29, 2002 and Serial No. 60/452,516 filed on March 6, 2003 in the U.S. Patent and Trademark Office is claimed under 35 U.S.C. 119. <input type="checkbox"/> The certified copy has been filed in prior U.S. application Serial No. / on . <input type="checkbox"/> The certified copy will follow.			
CORRESPONDENCE ADDRESS		SIGNATURE BLOCK	
Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibault, LLP High Street Tower 125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100 Customer No. 021323		Respectfully submitted,  Date: July 29, 2003 Reg. No. 44,381 Tel. No.: (617) 310-8327 Fax No.: (617) 248-7100 Natasha C. Us Attorney for the Applicants Testa, Hurwitz & Thibault, LLP High Street Tower 125 High Street Boston, MA 02110	

21906 U.S. PTO

10/629498
07/29/03

FEE TRANSMITTAL
FY 2003

Complete if Known

Application Serial Number	Not yet assigned
Filing Date	Herewith
First Named Inventor	Lochtefeld
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket No.	ASC-061

METHOD OF PAYMENT

- 1.
- ☒
- Payment Enclosed:
-
- ☒
- Check
- ☐
- Money Order
- ☐
- Other

- 2.
- ☒
- The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531.

- ☐
- Required Fees (copy of this sheet enclosed).
-
- ☒
- Additional fee required under 37 CFR 1.16 and 1.17.
-
- ☒
- Overpayment Credit.

- 3.
- ☐
- Applicant claims small entity status.

FEE CALCULATION**1. FILING FEE****Large Entity**

Fee (\$)	Fee Description	Fee Paid
750	Utility filing fee	750.00
330	Design filing fee	
160	Provisional filing fee	

	Number Filed	Number Extra	Rate	Amount
Total Claims	83	- 20 = 63	x \$ 18.00 =	1,134.00

Independent Claims	13	- 3 = 10	x \$ 84.00 =	840.00
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- ☐
- Multiple Dependent Claim(s), if any \$280.00 =

TOTAL: 2,724.00

SMALL ENTITY DISCOUNT:

SUBTOTAL (1) (\$) 2,724.00

2. AMENDMENT CLAIM FEES

Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid
Total	-	=	x \$ 18.00 =	
Indep.	-	=	x \$ 84.00 =	
<input type="checkbox"/> First Presentation of Multiple Dep. Claim			+ \$280.00 =	

TOTAL: (\$)

SMALL ENTITY DISCOUNT: (\$)

SUBTOTAL (2) (\$)

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	
50	25	Surcharge - late provisional filing fee or cover sheet	
130	130	Non-English specification	
2,520	2,520	Request for ex parte reexamination	
110	55	Extension for reply within first month	
410	205	Extension for reply within second month	
930	465	Extension for reply within third month	
1450	725	Extension for reply within fourth month	
1970	985	Extension for reply within fifth month	
320	160	Notice of Appeal	
320	160	Filing a brief in support of an appeal	
280	140	Request for oral hearing	
130	130	Petitions to the Commissioner	
180	180	Submission of Information Disclosure Statement	
750	375	Filing a submission after final rejection (37 CFR 1.129(a))	
750	375	For each additional invention to be examined (37 CFR 1.129(b))	
100	100	Certificate of Correction for applicant's error	
110	55	Submission of Terminal Disclaimer	

Other fee (Specify)

Other fee (Specify)

SUBTOTAL (3) (\$)

SUBTOTAL (1) 2,724.00

SUBTOTAL (2) 0.00

SUBTOTAL (3) 0.00

TOTAL (\$) 2,724.00

CORRESPONDENCE ADDRESS

Direct all correspondence to:

Patent Administrator
 Testa, Hurwitz & Thibault, LLP
 High Street Tower-125 High Street
 Boston, MA 02110
 Tel. No.: (617) 248-7000
 Fax No.: (617) 248-7100

SIGNATURE BLOCK

Date: July 29, 2003
 Reg. No.: 44,381
 Tel. No.: (617) 310-8327
 Fax No.: (617) 248-7100

Respectfully submitted,

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